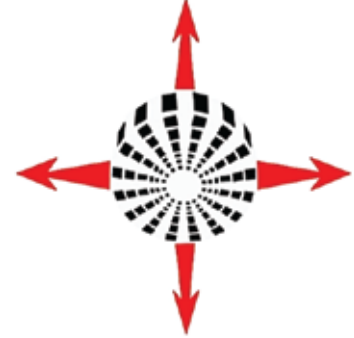




Kış Uygulaması
Winter Application



Yaz Uygulaması
Summer Application

Malzeme: Ürün kasa ve kanatları 1 mm DKP sacdan imal edilmektedir. İsteğe bağlı olarak galvanizli sacdan da imal edilebilmektedir.

Teknik Özellikler: İdeal konfor difüzörleri, tavan yüksekliği 4 - 15 mt arasında olan süpermarketler, fabrikalar, tiyatrolar, sinemalar, konser salonları, toplantı salonları, spor salonları, kapalı yüzme havuzları ve fuar salonları gibi geniş mekanlarda ısıtma ve soğutma amaçlı olarak hava dağıtımında kullanılırlar. Bir hava giriş boğazı, iç ve dış difüzör yüzeyleri olan ideal konfor difüzöründe difüzörün yan ve alt yüzeylerinde hava üfleme açıklıkları bulunmaktadır. Bu açıklıklar göbekte dairesel olarak hareket ettirilebilen mekanizma sayesinde ayarlanabilmektedir. Bu mekanizma sayesinde, yazın yan deliklerin açılmasıyla soğuk hava tavana paralel olarak üflenmekte; kışın ise, bu yan deliklerin kapatılıp alt deliklerin açılmasıyla sıcak hava döşemeye dik bir açıda etkili ve hızlı bir şekilde üflenmektedir. Kanat ayarı manuel olarak veya servomotorla yapılmaktadır. Ayrıca hava akış doğrultusunun değişimiyle efektif alanlar değişmediği için basınç kayıpları ve ses seviyeleri değişmez.

Montaj: Yuvarlak kanala montaj.

Yüzey: Elektrostatik toz boya (Standart renkler RAL 9010 ve RAL 9016)

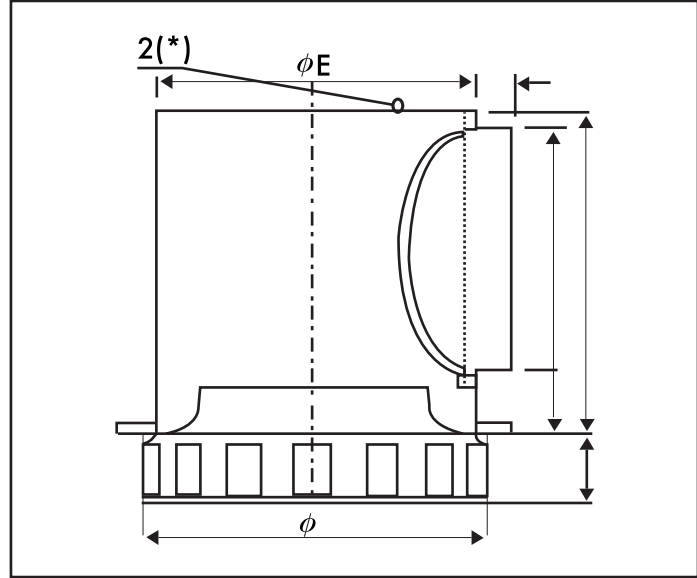
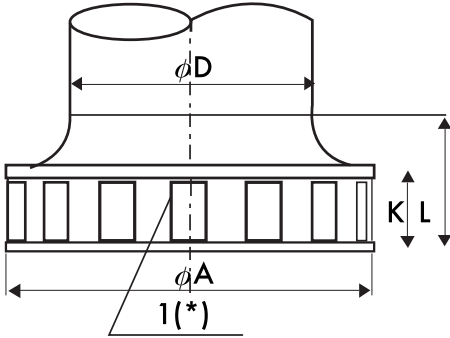
Material: Product casing and blades are manufactured from 1 mm DKP sheet. Depending on demand, it can also be manufactured from galvanized sheet.

Technical Properties : Ideal comfort diffusers are used in air distribution with purpose of heating and cooling in wide spaces such as supermarkets, factories, theaters, cinemas, concert halls, meeting halls, gymnasiums, covered swimming pools and fairgrounds where ceiling height is between 4 - 15 mt. There are air blowing openings on the side and bottom surfaces of the ideal comfort diffuser which has one air inlet, internal and external surfaces. These inlets can be adjusted via the mechanism that is moveable circularly on the center. Due to this mechanism, cold air is blown parallel to ceiling by opening of these side openings in summer; hot air is blown to the floor in vertical angle efficiently and fast by closing these side openings and opening the bottom openings. Blade adjustment is made manually or by servomotor. Also, pressure drops and sound levels don't change by the change of the flow direction due to not changing effective areas.

Installation : Fixing to round duct.

Coating : Coating : Electrostatic powder coating (Standard colors are RAL 9010 and RAL 9016)

ÖLÇÜLER / DIMENSIONS



EBAT SIZE	ϕA	ϕd	L	K	ϕE	H	ϕD
300	302	180	144	70	260	330	178
400	402	250	178	98	380	400	248
500	502	315	200	120	460	465	313
600	602	400	221	138	560	550	398
800	802	500	310	185	725	650	498

(*) 1- yaz-Kış konumu manual ayar kolu / Summer - Winter adjustable lever

2- Asma kulakları, 3 pieces of suspension loops

Yaz-Kış için gerekli damper motorları istek üzerine 400'den büyük olan İdeal Konfor Difüzörlerinin gövde içine takılabilmektedir. Difüzörün içinde yer alan bu servomotor sayesinde dönüş hareketi gerçekleştirerek yatay üflemeden dikey üflemeğe geçiş veya tersi işlem gerçekleştirmektedir. Talep üzerine 0-10VDC veya 0-20VDV ile çalışan oransal servomotorlar da takılabilmektedir.

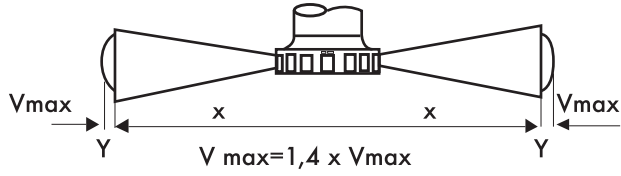
On Ideal Comfort Diffusers whose nominal size is 400 mm or large on-off actuators

for air supply pattern adjustable may be installed within the diffuser enabling supply pattern alteration from horizontal to vertical or vice versa. Upon request it also possible to install modulating actuators working with 0-10VDC or 0-20VDC command.

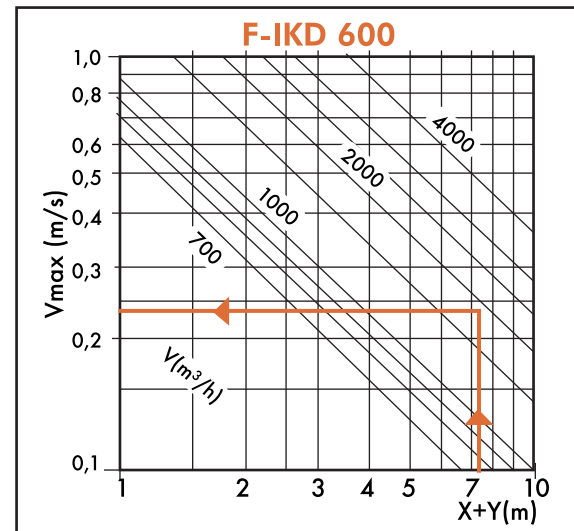
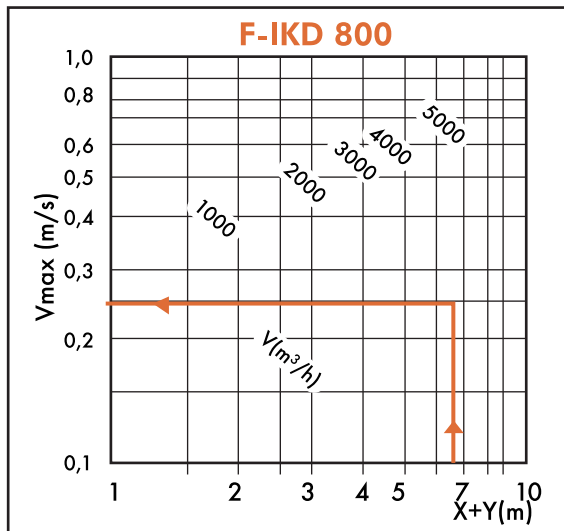
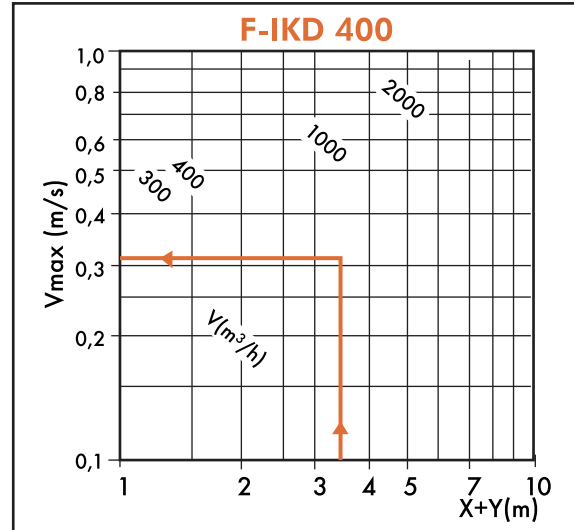
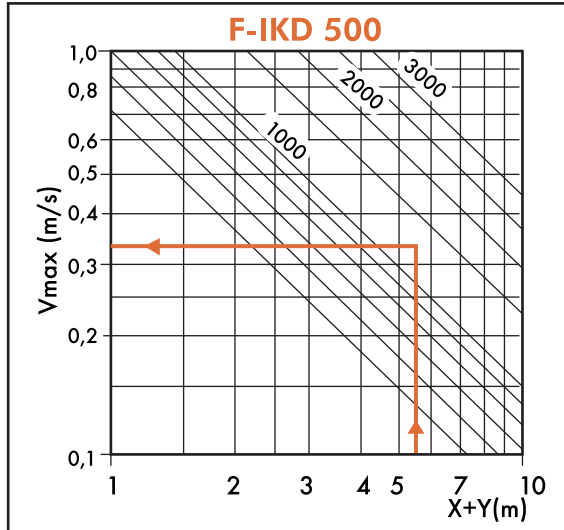
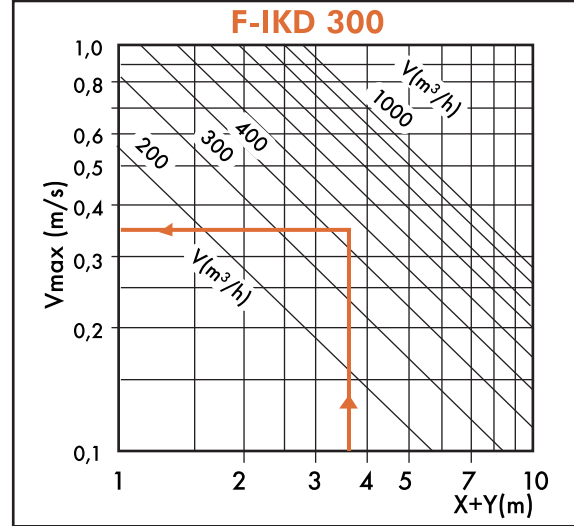
SEÇİM DİYAGRAMLARI / SELECTION DIAGRAMS

1- Yaz Ugulaması - Summer applications:

Tavan Etkili / With Influence



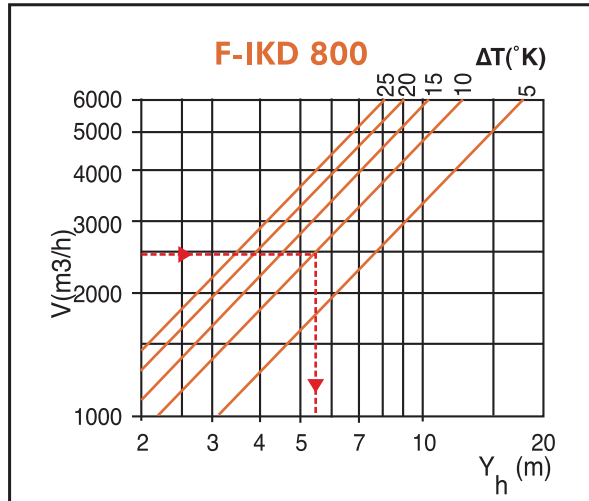
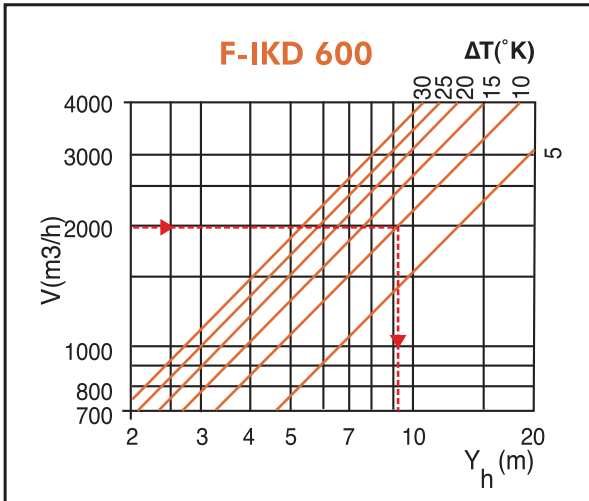
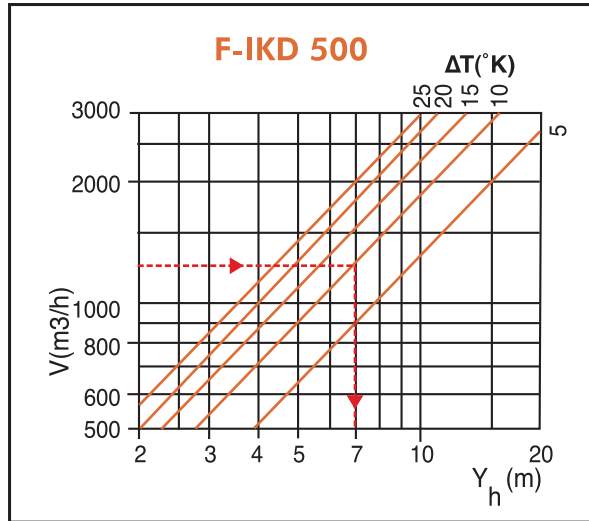
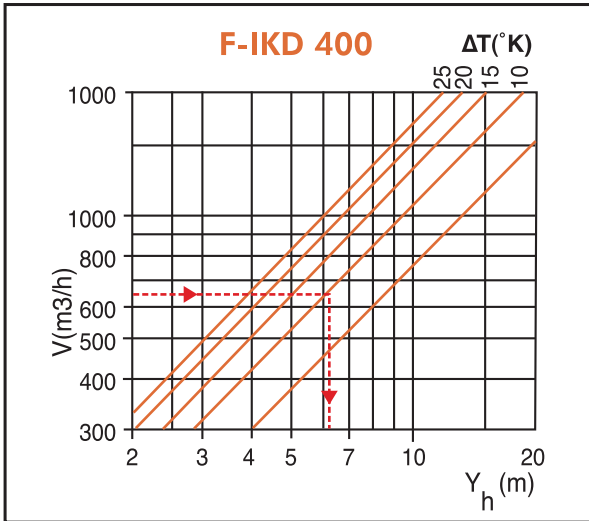
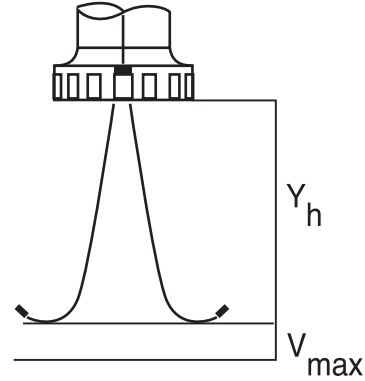
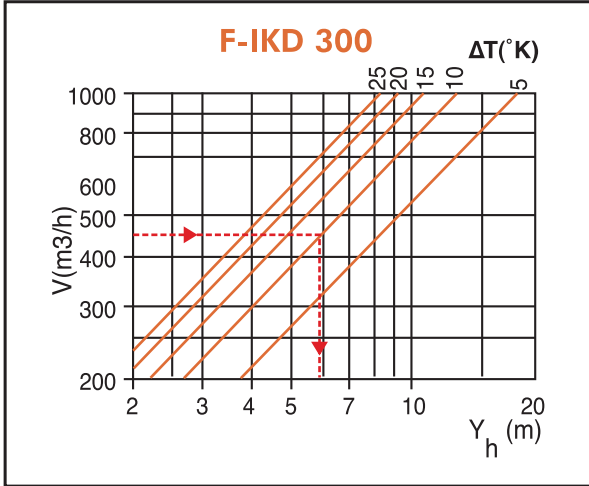
Tavan Etkisiz / Without Ceiling Influence



SEÇİM DİYAGRAMLARI / SELECTION DIAGRAMS

2- Kış Uygulaması -1 / Winter applications-1

Düşey üfleme izotermi / Isothermic vertical throw



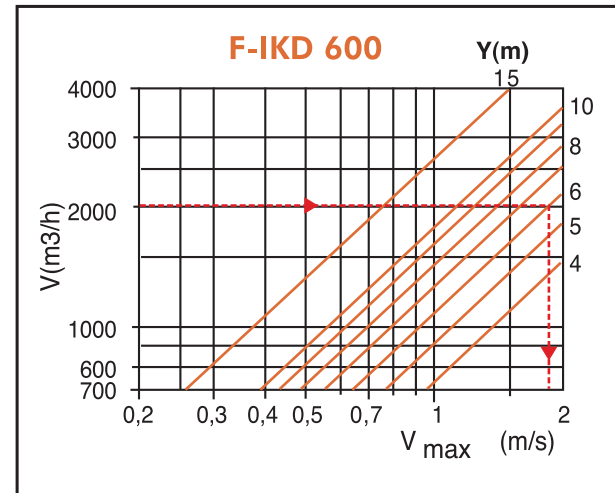
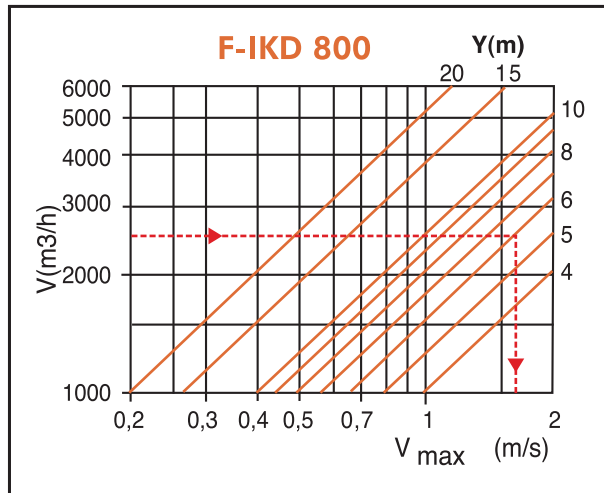
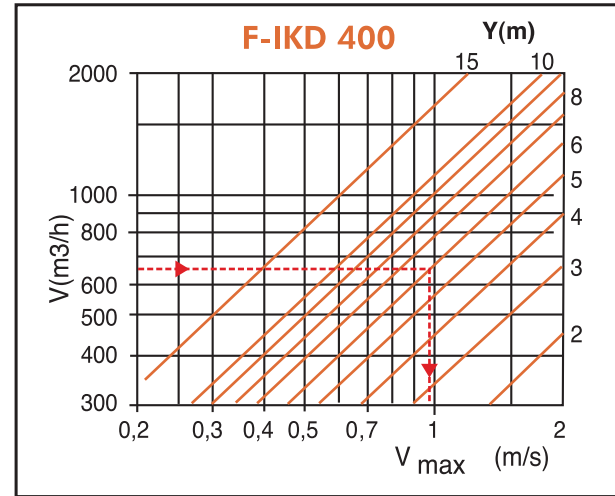
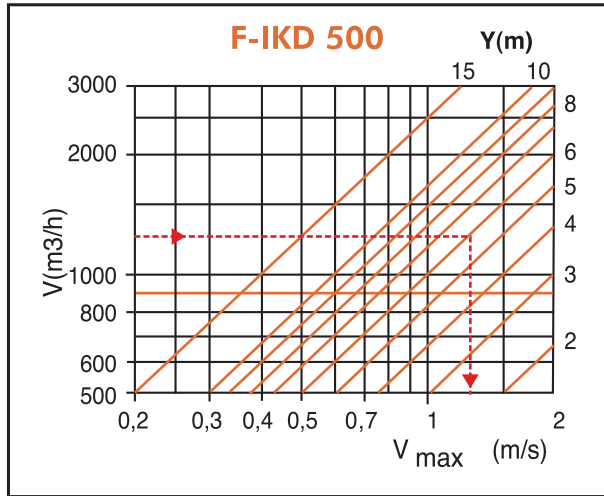
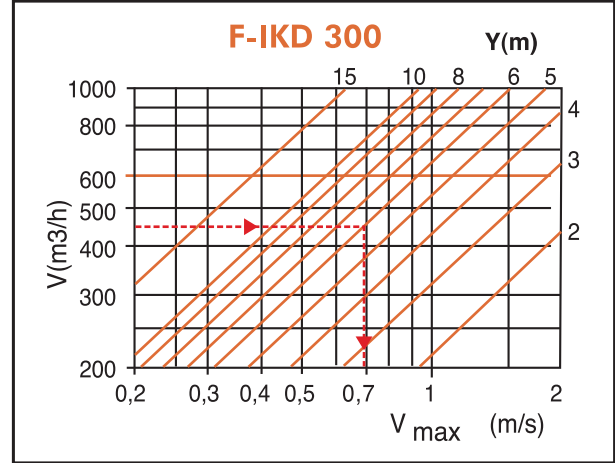
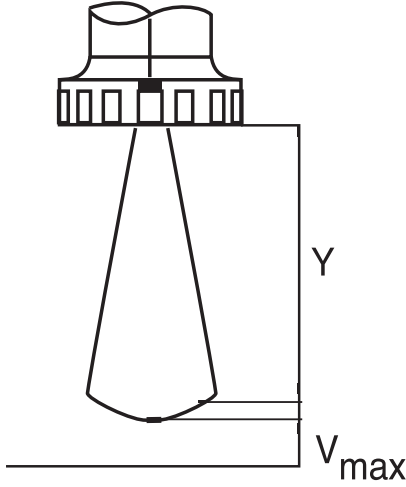
Atış sonu hava nihani hızları için bir sonraki sayfaya bakınız.

For and velocity at the end of the throw please refer to the following page.

SEÇİM DİYAGRAMLARI / SELECTION DIAGRAMS

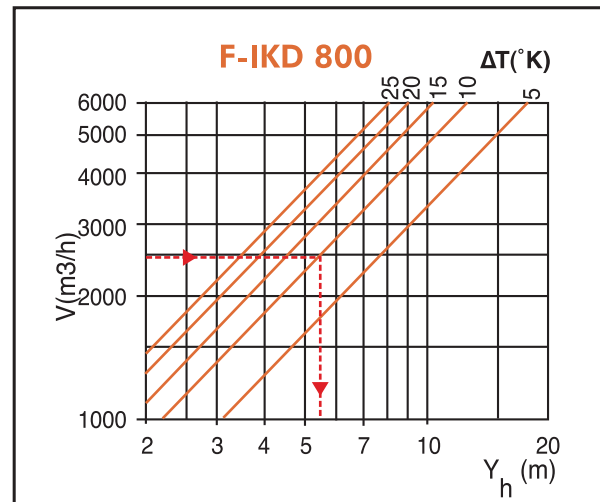
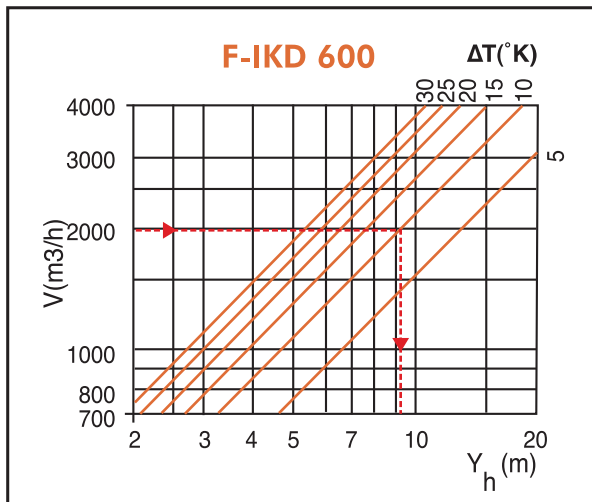
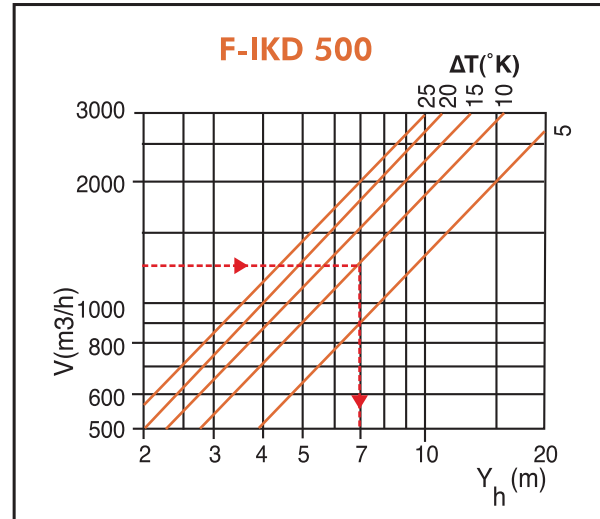
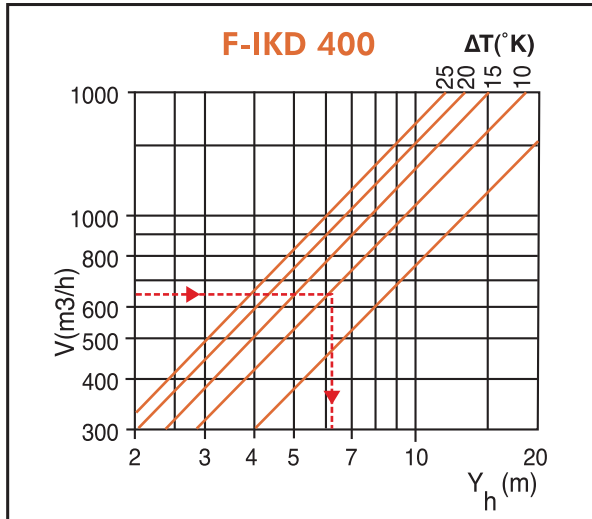
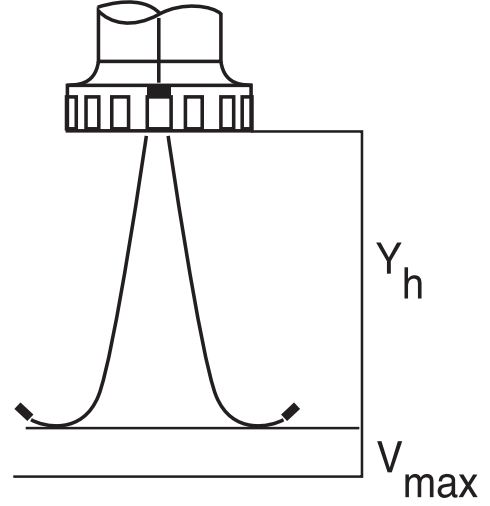
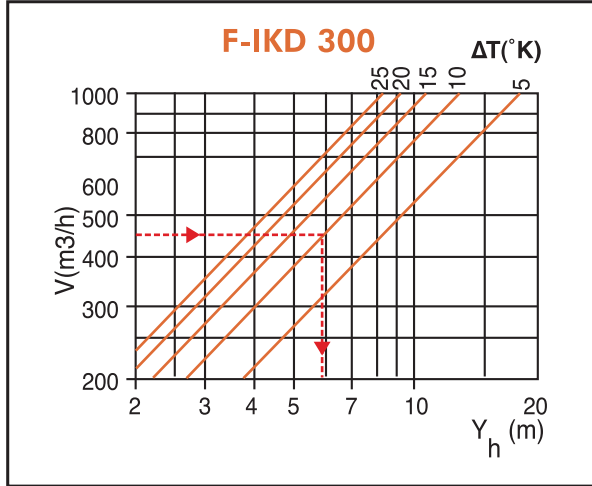
3- Kış Uygulaması -1 / Winter applications-1

Nihai Hızlar / End Velocities



2- Kış Uygulaması -1 / Winter applications-1

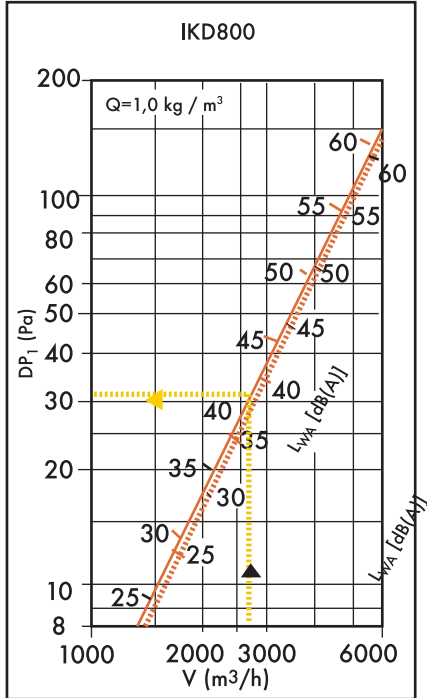
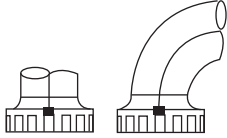
Düşey üfleme izotermi / Isothermic vertical throw



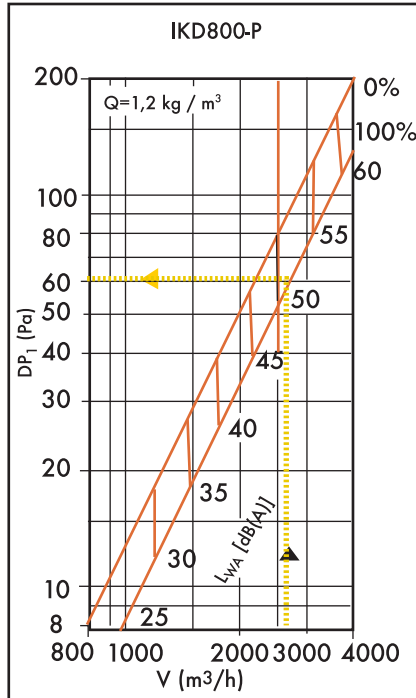
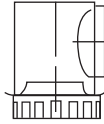
Atış sonu hava nihani hızları için bir sonraki sayfaya bakınız.

For and velocity at the end of the throw please refer to the following page.

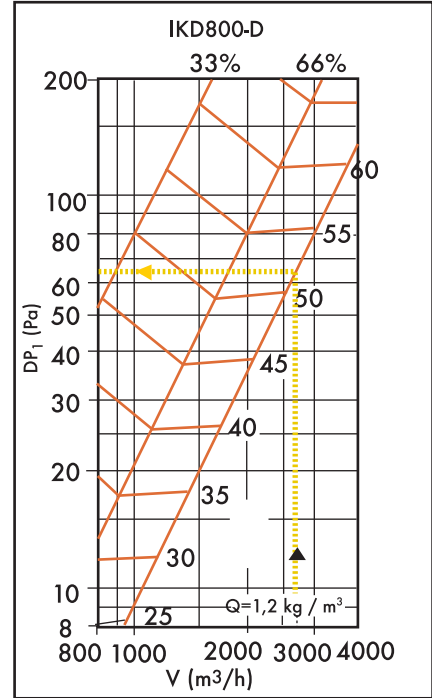
SES SEVİYELERİ / SOUND GENERATION



Düz Bağlantı / Straight
90° dirsek / Elbow



% Damper Açıklığı
% Damper Apening



100% Açık / Open
0% Kapalı / closed